

## CEDRIC VANZA LUTONDA

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LinkedIn: [www.linkedin.com/in/cedric-lutonda](https://www.linkedin.com/in/cedric-lutonda) | GitHub: [www.github.com/cedoula](https://www.github.com/cedoula)

Portfolio: [cedoula.github.io/portfolio](https://cedoula.github.io/portfolio)

### DATA ANALYST / SENIOR FIELD ENGINEER Data Analytics | Systems | Projects | Application

Adaptable Data Analyst skilled in recording, interpreting and analyzing data in a fast-paced environment. Adept at working independently as well as collaborating with teams across multiple functions to effectively break down concepts in layman terms.

Bring experience obtained through cross-functional organizations to streamline data analysis, reporting, and auditing. Prepared to excel in solving complex problems. Fluent in English and French.

### TECHNICAL SKILLS

**Languages:** VBA, Python 3, SQL, HTML/CSS, JSON, JavaScript, R, Spark

**Data Manipulation & Visualization:** Pandas, NumPy, Plotly, D3, Matplotlib, BeautifulSoup, Leaflet.js, GeoJSON, Tableau

**Database:** PostgreSQL, SQLite, SQLAlchemy, MongoDB

**Other:** Flask, Git, Bash, Microsoft Office Suite, Anaconda, Jupyter Notebook, Exploratory Data Analysis, Extract-Transform-Load, Web Scraping, Statistical Data Analysis, Big Data, AWS, NLP

### PROJECTS

**Belly Button** | [https://github.com/cedoula/Belly\\_Button](https://github.com/cedoula/Belly_Button) | [https://cedoula.github.io/Belly\\_Button](https://cedoula.github.io/Belly_Button)

- This project focuses on building an interactive dashboard to visualize the bacterial species living in the navel of candidates of a research about meat protein synthesis from human bacteria.
- Tools used: HTML, CSS, JavaScript, Plotly, D3, Bootstrap, Visual Studio Code

**Bike Sharing** | <https://github.com/cedoula/bikesharing>

- This project is an analysis of New York Citi Bike data, using Tableau to explore the viability of a bike-sharing business in Des Moines, IA.
- Tools used: Tableau, Python, Pandas, Anaconda Navigator, Jupyter Notebook

### EXPERIENCE

SCHLUMBERGER - Drilling & Measurements, Houston, TX

October 2018 – April 2020

#### Senior Field Engineer

- Led field operations, including project management, engineering design, maintenance, job planning, and operational reporting.
- Cultivated and maintained client relationships onsite. Measured physical properties of the oil wells while drilling and maintained accountability for team wellsite actions and performance.
- Trained and mentored junior engineers and conducted project reviews.
- Actively contributed to continuous improvement culture. Launched project for VR based training for new field engineers and specialists.

HALLIBURTON SPERRY DRILLING, Angola, and Broussard, LA

June 2012 – October 2018

**Senior Field Engineer**

- Planned and managed oil field drilling services onsite for an international company. Managed multiple projects in North Dakota, Gulf of Mexico, Saudi Arabia, Japan, France, South Korea, and Africa.
- Increased company revenues/profits by successfully leading and building teams recognized by management for providing high-quality, productive service delivery, solving field issues quickly, and documenting/maintaining accurate delivery.
- Consulted daily onsite as point of contact for client relations with Client Representatives to ensure accurate positioning of the well, evaluated potential of the well's drilled formation, and maximized drilling performance.
- Supervised, trained, scheduled, developed, and evaluated the performance of 4-6 Field Engineers reports to ensure consistent achievement of targeted business goals.
- Coordinated and provided continuous safety training to team members to ensure safe operations at well sites. Developed and implemented new safety policies.
- Monitored, tracked, scheduled, ordered, and controlled inventory of high-value hand tools, electronic sensors, parts, components, and equipment to maintain security for company assets, minimize risk, control costs, and improve profitability.

HALLIBURTON SPERRY DRILLING, Luanda, Angola

October 2009 – June 2012

**Measurement and Logging While Drilling Engineer**

- Performed measurement of petrophysical data of the rock formation and their transmission to the surface during the phases of drilling.
- Conducted real-time determination of the geographical location of the drilling tool. These critical data allow the oil company, our client, to evaluate the potential of the drilled formation, to maximize drilling performance and accurate positioning of the well.

**EDUCATION**

**Data Analysis and Visualization Bootcamp Certificate:** The University of Texas at Austin, Austin, Texas  
A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Master of Science Degree,** Engineering, Electronic Communications  
Superior School of Electricity (SUPELEC), Paris, France  
Electronic Communications: Techniques of Signal Coding, Transmission, Modulation, and Treatment.

**Bachelor of Science Degree,** Engineering  
Superior School of Electricity (SUPELEC), Paris, France

Associate Degree, Sciences: University of Paris Sud, Paris, France  
Mathematics and Physics.